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PATENT
Attorney Docket No.: 02307E-099810US
Client Ref. No.: 1999-373-2

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On April 7, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Joy M. Marshall

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gwynne Attarian, et al.

Application No.: 09/747,385

Filed: December 22, 2000

For: FUSOBACTERIUM NUCLEIC
ACIDS, PLASMIDS AND VECTORS

Customer No.: 20350

Confirmation No. 9499

Examiner: Lambertson, David A.

Technology Center/Art Unit: 1636

AMENDMENT AND RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 7, 2003, please enter the following amendments and remarks. A petition to extend time for three months under 37 C.F.R. §1.136(a) is also enclosed.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Amendments to the Drawings begin on page 14 of this paper and include an attached replacement sheet.

Remarks/Arguments begin on page 15 of this paper.

Appl. No. 09/747,385

Amdt. dated April 7, 2004

Reply to Office Action of October 7, 2003

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An **Appendix** including amended drawing figures is attached following page 26 of this paper.